

## **Short Curriculum Vitae**

**Ana Paula Batista**

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Ana Paula Batista is the Head of the Novartis Pharma Laboratory of the Animal Cell Technology Unit/Health & Pharma Division since 2015.

She holds a Biochemistry bachelor's degree from the Faculdade de Ciencias da Universidade de Lisboa (2005) and obtained her PhD in Biochemistry with the Universidade Nova de Lisboa in the area of Bioenergetics (2010). During her PhD, contributed to the advance knowledge of energy transduction processes by membrane-bound respiratory enzymes. Her studies focused on i) molecular mechanisms of electron transfer and ion translocation, and ii) the recognition of structural elements/motives determinant for catalysis and substrate interaction. The studies involved isolated proteins (wild type and mutants), reconstituted enzymes in liposomes and membrane vesicles. Also, Ana was responsible for the establishment of an innovative methodology that allows the monitorization of ion transport across bacterial membrane vesicles.

Additionally, Ana obtained certifications in Performance Management and Control (Católica Lisbon School of Business & Economics, 2013), in Project Management (PRINCE2® Foundations, 2018) and in Curso Geral de Gestão (Nova School of Business and Economics, 2020).

Since February 2015, Ana is the head of Novartis Pharma Laboratory and she also took over responsibility for all additional Novartis projects at iBET. The current areas of Novartis Pharma Laboratory are: i) Antibody Discovery and Protein Production; ii) Characterization, Formulation and Bioinformatics; iii) Cell Line Screening and Development.

### **Current Research:**

Ana's research interests spanned different areas of Biotechnology and Biochemistry for the pharma industry. She is focused on the discovery, production, and characterization of biotherapeutics (antibodies) using a broad range of biochemistry and biophysics techniques. She is also interested in developing cell lines for stable and transient viral expression. Additionally, Ana is dedicated to establishing an alternative protein expression platform that is less expensive and time-consuming when compared to the classical *in vivo* expression systems.

**CV Highlights:** (i) over 20 published papers; receiving a total of over 306 citations (h-index (11)); (ii) supervision and co-supervision of several students (BSc, MSc and PhD); (iii) Over 13 oral communications and 40 poster communications; (iv) 2 Research Grants; (v) Member of the Biochemical and Biophysical Societies (PT); (vi) 2 Merit Awards; (vii) Team member in several projects.

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